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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/687,995	10/20/2003	Christian Bregaint	244190US2X	1369

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OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
1940 DUKE STREET
ALEXANDRIA, VA 22314

EXAMINER	
BENSON, WALTER	

ART UNIT	PAPER NUMBER
2858	

DATE MAILED: 12/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/687,995	BREGAINT ET AL.	
	Examiner	Art Unit	
	Walter Benson	2858	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *20 October 2003*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-14* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-14* is/are rejected.

7)☒ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *10/20/03*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-14 are presented for examination.

Specification

The abstract of the disclosure does not commence on a separate sheet in accordance with 37 CFR 1.52(b)(4). A new abstract of the disclosure is required and must be presented on a separate sheet, apart from any other text.

2. The disclosure is objected to because of the following informalities:

Page 2, line 32, engine is misspelled.

Appropriate correction is required.

Information Disclosure Statement

3. The information disclosure statement filed 10/20/03 fails to comply with 37 CFR 1.98(a)(3) because it does not include a concise explanation of the relevance, as it is presently understood by the individual designated in 37 CFR 1.56(c) most knowledgeable about the content of the information, of each patent listed that is not in the English language. It has been placed in the application file, but the information referred to therein has not been considered.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1, 2, 4-7, 9, 10, 12, and 13 are rejected under 35 U.S.C. 102(b) as being anticipated by Mehr-Ayin et al. (US Patent No. 5,146,172 and Mehr-Ayin hereinafter).

6. As to claim 1, Mehr-Ayin discloses a reader appliance for reading identification connectors for airplane engines, the connector comprising:

a plurality of contacts connected to a decoding circuit, each contact corresponding to a binary digit, one or more of the binary digits corresponding to information relating to characteristics of the engine (col.3, lines 17-21 and col. 4, lines 11-20);

the appliance including connection means suitable for receiving at least one identification connector [col. 11, lines 46-49], the connection means being connected to processor means responding to control members in order to display on a display device the information contained in the connector (col. 9, lines 44-49 and col. 10, lines 43-47).

7. As to claim 2, Mehr-Ayin discloses a reader appliance for reading identification connectors for airplane engines, the connector comprising:

where the processor means include software means for decoding information relating to characteristics of the engine from the binary data read in the identification connector (col. 9, lines 40-44).

8. As to claims 4, 7, 10, and 12, Mehr-Aylin discloses a reader appliance for reading identification connectors for airplane engines, the connector comprising:

where the control members comprise software means enabling information to be displayed automatically (col. 10, lines 47-52).

9. As to claim 5, Mehr-Ayin discloses a reader appliance for reading identification connectors for airplane engines, the connector comprising:

where the identification connector is a multipin connector, and wherein the connection means of the appliance comprise at least one multipin connector suitable for receiving the identification connector (col. 11, lines 46-50).

10. As to claim 6, Mehr-Ayin discloses a reader appliance for reading identification connectors for airplane engines, the connector comprising:

where the connection means comprise at least one connector for receiving respectively at least one specific model of identification connector (col. 11, lines 46-47).

11. As to claim 9, Mehr-Ayin discloses a reader appliance for reading identification connectors for airplane engines, the connector comprising:

at least one protection connector containing an autotest circuit (col. 6, lines 66-68 and col. 7, lines 1-4).

12. As to claim 13, Mehr-Ayin discloses a reader appliance for reading identification connectors for airplane engines, the connector comprising:

means for updating the processor means (col. 4, lines 17-20).

Claim Rejections - 35 USC § 103

13. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

14. Claims 3, 8, 11 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mehr-Ayin in view of Moore (US Patent No. 4,787,053 and Moore hereinafter).

Although the system disclosed by Mehr-Ayin shows substantial features of the claimed invention (discussed in the paragraphs above), it fails to disclose:

a reader appliance having the control members comprise at least one button for causing information encoded in the identification connector connected to the reader appliance to be displayed, successive items of information being displayed in response to successive presses on the button [claims 3 and 11];

where the processor means include software means for testing the parity of the encoding circuit of the identification connector [claim 8];

including self- contained power supply means [claim 14].

Nonetheless, these features are well known in the art and would have been an obvious modification of the system disclosed by Mehr-Ayin, as evidenced by Moore.

Moore discloses a comprehensive turbine engine monitoring and recording system having:

claimed a reader appliance having the control members comprise at least one button for causing information encoded in the identification connector connected to the reader appliance to be displayed, successive items of information being displayed in response to successive presses on the button [claims 3 and 11] (col. 4, lines 49-53 and col. 8, lines 27-33) to provide the operator with portable test unit to view engine data;

where the processor means include software means for testing the parity of the encoding circuit of the identification connector [claim 8] (col. 20, lines 50-57) to verify data accuracy;

including self-contained power supply means [claim 14] (col. 7, lines 48-52).

Given the teaching of Moore, a person having ordinary skill in the art at the time of the invention would have readily recognized the desirability and advantages of modifying Mehr-Ayin by employing the well known or conventional features of monitoring systems for engines, such as disclosed Moore, in order to efficiently and accurately tabulate and display the basic data on an aircraft turbine engine and for the purposes discussed above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Walter Benson whose telephone number is (571) 272-2227. The examiner can normally be reached on Mon to Fri 6:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, N. Le can be reached on (571) 272-2233. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Walter Benson
Patent Examiner

December 22, 2004